



*JFW*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
Group Art Unit 1744

In re

Patent Application of

Tony J. Abfall, et al.

Application No. 10/567,278

Confirmation No.: 9762

Filed: February 3, 2006

Examiner: Unassigned

“DISC CLEANER”

I, Elizabeth M. Campbell Tressler, hereby certify that this correspondence is being deposited with the US Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date of my signature.

*Elizabeth M. Campbell Tressler*

Signature

7-6-06

Date of Signature

INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 CFR §1.97(b)

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner's attention is directed to the references which are listed on the attached Forms PTO/SB/08A and PTO/SB/08B. Copies of the non-U.S. patent references and the non-patent literature are attached.

Citation of these references is respectfully requested.

No concession is made that these documents are prior art, and Applicant expressly reserves the right to antedate the documents as may be appropriate.

Date: 7/6/06

Respectfully submitted,

*Paul M. McGinley*  
Paul M. McGinley, Reg. No. 55,443  
Michael Best & Friedrich LLP  
Two Prudential Plaza  
180 North Stetson Avenue, Suite 2000  
Chicago, Illinois 60601  
312.222.0800

File No. 026197-9062-01



Substitute of form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)		Application Number	10/567,278
		Filing Date	February 3, 2006
		First Name Inventor	Tony J. Abfall
		Group Art Unit	1744
		Examiner Name	
Sheet	1	of	5
		Attorney Docket Number	026197-9062-01

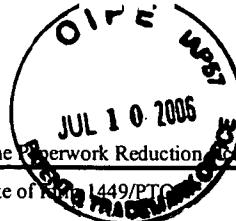
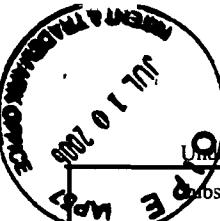
U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document
/LCG/	2002/0129455	Wei		9/19/2002
	7,014,543	Holbrook et al.		3/21/2006
	6,780,090	Kennedy et al.		8/24/2004
	6,726,527	Lalli et al.		4/27/2004
	6,609,959	Takahashi et al.		8/26/2003
	6,595,835	Gadbois		7/22/2003
	6,322,430	Kennedy et al.		11/27/2001
	5,964,650	Born et al.		10/12/1999
	5,954,566	Bauer		9/21/1999
	5,733,179	Bauer		3/31/1998
	5,607,488	Wiand		3/4/1997
	5,593,343	Bauer		1/14/1997
	5,449,388	Wiand		9/12/1995
	5,423,103	Born		6/13/1995
	5,297,366	Huddleston		3/29/1994
↓	5,292,567	Foster		3/8/1994
/LCG/	5,281,244	Wiand		1/25/1994

Examiner Signature	/Laura C Guidotti/	Date Considered	06/04/2008
--------------------	--------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



<p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p style="text-align: center;"><i>(use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		<b>Application Number</b>	10/567,278
		<b>Filing Date</b>	February 3, 2006
		<b>First Name Inventor</b>	Tony J. Abfall
		<b>Group Art Unit</b>	1744
		<b>Examiner Name</b>	
Sheet	2	of	5
		Attorney Docket Number	026197-9062-01

<b>U.S. PATENT DOCUMENTS</b>				
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document
/LCG/	5,250,085	Mevissen		10/5/1993
	5,232,470	Wiand		8/3/1993
	5,228,022	Compton et al.		7/13/1993
	5,209,760	Wiand		5/11/1993
	5,174,795	Wiand		12/29/1992
	5,146,382	Yao-Ko		9/8/1992
	5,101,602	Hashimoto		4/7/1992
	5,099,618	Schmid		3/31/1992
	5,090,078	Kamakura et al.		2/25/1992
	4,945,687	Scheider et al.		8/7/1990
	4,918,116	Gardziella et al.		4/17/1990
	4,860,611	Flanagan et al.		8/29/1989
	4,854,001	Mannheimer et al.		8/8/1989
	4,825,497	Nagao et al.		5/2/1989
	4,783,870	Yeung		11/15/1988
↓	4,754,580	Mattson		7/5/1988
/LCG/	4,750,915	Tomita et al.		6/14/1988

Examiner Signature	/Laura C Guidotti/	Date Considered	06/04/2008
--------------------	--------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute of form 1449/PTO

Complete if Known

**INFORMATION DISCLOSURE STATEMENT BY  
APPLICANT**  
JUL 10 2006  
(use as many sheets as necessary)

Sheet

3

of

5

Application Number	10/567,278
Filing Date	February 3, 2006
First Name Inventor	Tony J. Abfall
Group Art Unit	1744
Examiner Name	
Attorney Docket Number	026197-9062-01

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	
/LCG/	4,750,231	Kogashiwa	6/14/1988	
	4,713,856	Clausen	12/22/1987	
	4,709,437	Hehn et al.	12/1/1987	
	4,675,975	Kucharczyk et al.	6/30/1987	
	4,662,025	Fritsch	5/5/1987	
	4,654,917	Yeung	4/7/1987	
	4,653,236	Grimes et al.	3/31/1987	
	4,617,767	Ali	10/21/1986	
	4,604,672	Davis et al.	8/5/1986	
	4,561,142	Mischenko et al.	12/31/1985	
	4,556,433	Clausen	12/3/1985	
	4,554,765	Grimes et al.	11/26/1985	
	4,520,470	d'Alayer de Costemore d'Arc	5/28/1985	
	4,504,999	Pedrotte	3/19/1985	
	4,476,601	Oka	10/16/1984	
↓	4,462,036	Leonard et al.	7/24/1984	
/LCG/	4,451,836	Leonard et al.	5/29/1984	

Examiner Signature	/Laura C Guidotti/	Date Considered	06/04/2008
--------------------	--------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Substitute of form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/567,278
		Filing Date	February 3, 2006
		First Name Inventor	Tony J. Abfall
		Group Art Unit	1744
		Examiner Name	
Sheet	4	of	5
		Attorney Docket Number	026197-9062-01

U.S. PATENT DOCUMENTS				
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document
/LCG/	4,368,756	Carlson		1/18/1983
	4,365,448	Wilson		12/28/1982
	4,251,576	Osborn et al.		2/17/1981
	4,240,483	Gregoric		12/23/1980
	4,202,071	Scharpf		5/13/1980
	4,179,852	Barnett		12/25/1979
	4,149,294	MacKay, Jr. et al.		4/17/1979
	4,111,666	Kalbow		9/5/1978
	4,107,810	Varni et al.		8/22/1978
	4,106,915	Kagawa et al.		8/15/1978
	4,101,999	Doyel		7/25/1978
	4,078,340	Klecker et al.		3/14/1978
	3,808,753	Maran		5/7/1974
	3,468,079	Kaufman		9/23/1969
	3,307,969	Quinn		3/7/1967
↓	3,048,482	Hurst		8/7/1962
/LCG/	3,005,223	Taylor		10/24/1961

Examiner Signature	/Laura C Guidotti/	Date Considered	06/04/2008
--------------------	--------------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Supplement of form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		<b>Application Number</b>	10/567,278
		<b>Filing Date</b>	February 3, 2006
		<b>First Name Inventor</b>	Tony J. Abfall
		<b>Group Art Unit</b>	1744
		<b>Examiner Name</b>	
Sheet	5	of	5
		Attorney Docket Number	
		026197-9062-01	

## U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
/LCG/		2,907,146	Dyar	10/6/1959
		2,266,875	Le Bel	12/23/1941
		1,507,836	King	9/9/1924
V		1,343,156	Prinz	6/8/1920
/LCG/		1,335,352	Slowey	3/30/1920

## FOREIGN PATENT DOCUMENTS

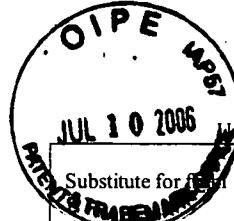
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Statement of Relevance	English Abstract
/LCG/	FR	1 401 326	Asselin ETS	6/4/1965	X	
	JP	5 303871	Hitachi Electric Eng	11/16/1993		X
	JP	5 159528	Sony Corp	6/25/1993		X
	JP	5 12832	Fujitsu Ltd	1/22/1993		X
	JP	4 372785	Seiko Espon Corp	12/25/1992		X
▼	JP	57-3206	Matsushita Electric Ind Co Ltd	1/8/1982		X
/LCG/	JP	54-100701	Tokyo Shibaura Electric Co	8/8/1979		X

Examiner Signature	/Laura C Guidotti/	Date Considered	06/04/2008
-----------------------	--------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Substitute for Form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

				<i>Complete if Known</i>	
Application Number	10/567,278				
Filing Date	February 3, 2006				
First Named Inventor	Tony J. Abfall				
Group Art Unit	1744				
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	026197-9062-01

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc. ), date, pages(s), volume-issue numbers(s), publisher, city and/or country where published.
/LCG/		CHARTRAND, S. "Removing Scratches on Compact Discs" New York Times, June 5, 1995, pg. D2.

<b>Examiner Signature</b>	/Laura C Guidotti/	<b>Date Considered</b>	06/05/2008
-------------------------------	--------------------	----------------------------	------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



STATEMENT OF RELEVANCE FOR  
INFORMATION DISCLOSURE STATEMENT  
U.S. Patent Application Number 10/567,278

**FR 1 401 326**

This reference appears to disclose a buffing disc for buffing an apparatus. The buffing disc appears to have spokes 4.